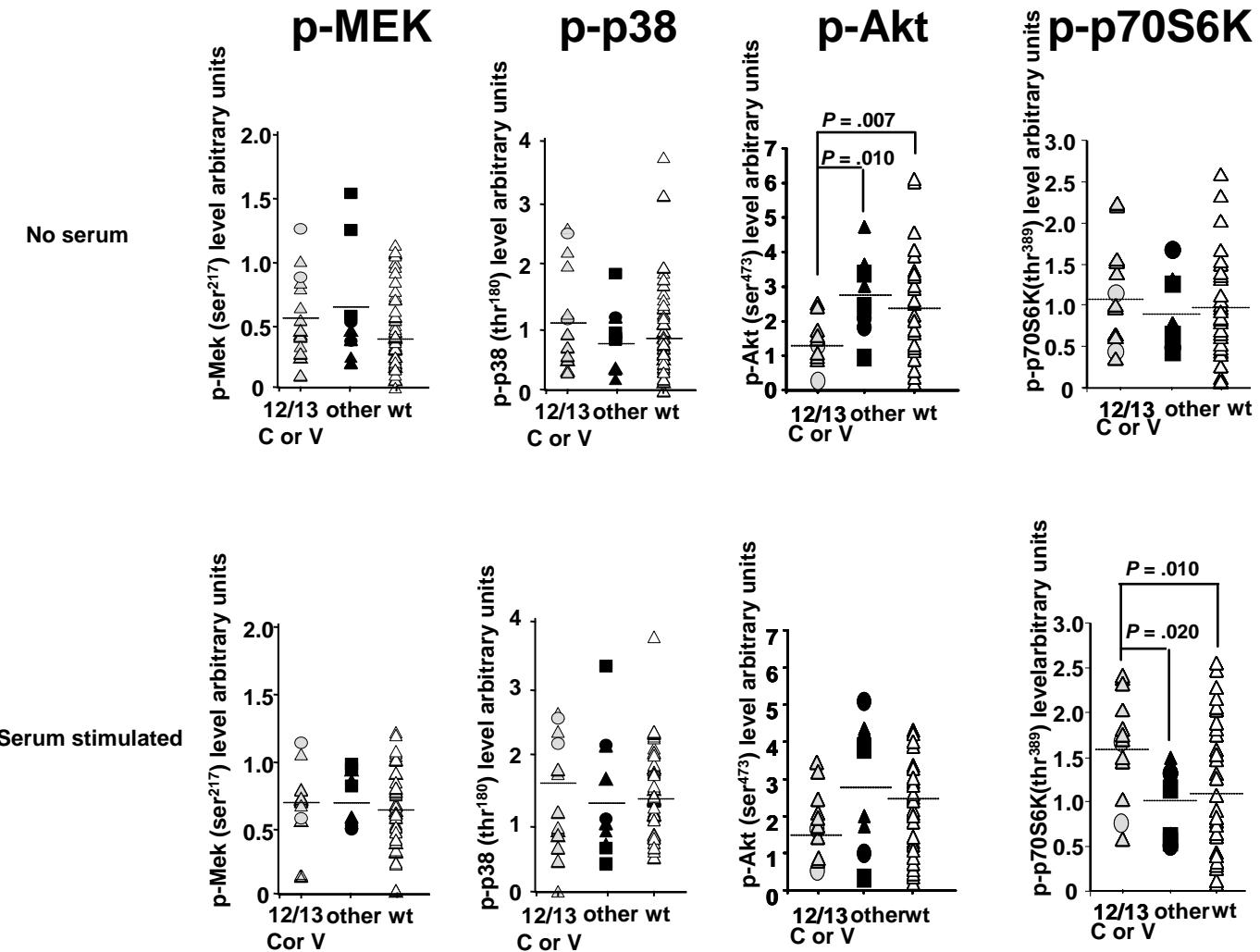


△ codon 12, ○ codon 13, □ codon 61



Supplementary Figure 2. MEK, p38, Akt, and p70 S6 kinase signaling in 71 NSCLC cell lines expressing mutant or wild type KRAS. Reverse-phase protein array was used to measure the levels of phospho-Mek (ser217), phospho-p38 (thr180), phospho-AKT (ser473), and phospho- p70S6K (thr389) in NSCLC cell lines that were grown for 24 hours with or without 10% fetal bovine serum. 12/13 C or V = cell lines with mutant KRAS-Gly12Cys or mutant KRAS-Gly13Cys (n = 12) or mutant KRAS-Gly12Val (n = 1); other = cell lines with other mutant KRAS (n = 9), wt = cell lines with wild type KRAS (n = 45). The symbols indicate the position of the mutation: (△) codon 12; (○) codon 13; and (□) codon 61. Horizontal bars indicate the mean value for the group. P values calculated using the Wilcoxon rank sum test.